

Attorney Docket No.: TH1754 (US)

A Named Inventor/Application Identifier: John F. Knifton, Talmadge G. James, Paul R. Weider, Joseph B. Powell, Edward L. Nielsen, and Glenn C. Komplin

Express Mail Label No.: EV325949240 US

Title: REDUCTION OF THE VISCOSITY OF REACTIVE HEAVY BYPRODUCTS DURING THE PRODUCTION OF 1,3-PROPANEDIOL

Date: October 1, 2003

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**UNDER 37 CFR 1.53(b)**

Commissioner for Patents  
Box Patent Applications  
P. O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ This application is a(n):
  - a. ☒ Original
  - b. ☐ Continuation-in-part of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
  - c. ☐ Divisional of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_  
☐ Applicant(s) elect the invention of Group/Species \_\_\_\_\_
  - d. ☐ Continuation of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
2. ☒ Specification
  - a. ☒ Pages 14
  - b. ☐ Drawings, Total sheets \_\_\_\_\_
3. ☒ Oath or Declaration
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
☐ Please delete the following named inventors in the prior application: \_\_\_\_\_
4. ☒ Please amend the specification
  - a. ☐ By inserting before the first line:  
This is a ☐ continuation ☐ division ☐ continuation-in-part of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, the entire disclosure of which is hereby incorporated by reference
  - b. ☒ By inserting before the first line:  
This application claims the benefit of U.S. Provisional Application No. 60/415,676 filed October 3, 2002, the entire disclosure of which is hereby incorporated by reference
  - c. ☐ Cancel claims \_\_\_\_\_
5. ☐ This application claims the benefit of Application Number \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ under 35 U.S.C. § 119, § 365(a), or § 365(b). (For originals)
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Recognize as an associate attorney \_\_\_\_\_, Registration No. \_\_\_\_\_

8. ☒ Address all future communications to:

Donald F. Haas  
Shell Oil Company  
Legal – Intellectual Property  
P. O. Box 2463  
Houston, Texas 77252-2463

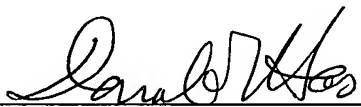
9. ☒ Fee Transmittal (duplicate enclosed)

| (1)<br>FOR   | (2)<br>NUMBER FILED | (3)<br>NUMBER EXTRA | (4)<br>RATE                   | (5)<br>CALCULATIONS |
|--|---------------------|---------------------|-------------------------------|---------------------|
| TOTAL CLAIMS<br>(37 CFR 1.16(c))                                 | 10 - 20 =           | 0                   | X \$18.00 =                   | 0                   |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b))                           | 2 - 3 =             | 0                   | X \$86.00 =                   | 0                   |
| MULTIPLE DEPENDENT<br>CLAIMS (if applicable)<br>(37 CFR 1.16(d)) |                     | 0                   | + \$290.00 =                  | 0                   |
|  |                     |                     | BASIC FEE<br>(37 CFR 1.16(a)) | \$770.00            |
| Total of above Calculations =                                    |                     |                     |                               | 0                   |
| TOTAL =  |                     |                     |                               | \$ .00              |

10. ☒ Please charge Deposit Account No. 19-1800 in the amount of \$770.00.
11. ☒ The Assistant Commissioner is authorized to charge all additional required fees or to credit overpayments, to Deposit Account No. 19-1800, including fees required under 37 CFR 1.17
12. ☒ Accompanying Application Parts
- a. ☐ Recordal of Assignment and Assignment
  - b. ☒ Information Disclosure Statement/PTO-1449
  - c. ☐ Preliminary Amendment
  - d. ☒ A self-addressed, stamped return receipt postcard to be returned with the filing date and Serial No. thereon
  - e. ☐ Certified copy of priority documents

Respectfully submitted,

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EDWARD L. NIELSEN, and  
GLENN C. KOMPLIN

By 

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